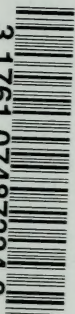


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Farlow, William Gilson
A list of works on
North American Fungi

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No. 31.

(SUPPLEMENTAL TO No. 25.)



A SUPPLEMENTAL LIST OF WORKS ON NORTH AMERICAN FUNGI.

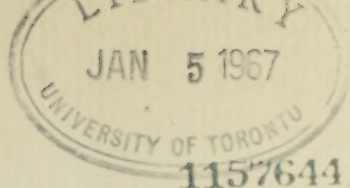
By W. G. FARLOW.

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VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillips.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. FIRST LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1870-1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palaeontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855-1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830-1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884-1885.

VOL. II.

21. SECOND LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1880-1885.
- *22. JUSTIN WINSOR. Calendar of the Sparks Manuscripts in Harvard College Library.
23. WILLIAM H. TILLINGHAST. Third List of the Publications of Harvard University and its Officers. 1885-1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885-1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW McF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886-1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.
30. SHELLEY's "SKYLARK," a Facsimile of the original manuscript.
31. W. G. FARLOW. Supplemental List of Works on North American Fungi.

SUPPLEMENTARY LIST OF WORKS ON NORTH AMERICAN FUNGI.

By W. G. FARLOW.

The present list is a continuation of Bibliographical Contributions no. 25, which included the titles of works on the fungi of the United States and the northern parts of North America published prior to 1887. The plan followed is the same as that of the paper just mentioned, the object being to give additions and corrections to be made to the list of works previously published with the addition of titles of works which appeared in 1887. The original list with the present supplement is as complete a presentation of the subject as the writer is able to make, and as he does not propose to continue the work further it is to be hoped that some other person or persons will undertake the task hereafter.

W. G. FARLOW.

CAMBRIDGE, March 1, 1888.

LIST OF WORKS ISSUED BEFORE 1887.

ADDENDA AND CORRIGENDA.

No. 15. Add: also in *Studies from the Biolog. Lab. Johns Hopkins University*, Session 1877-78, no. 1. Baltimore. 1879.

After no. 22 insert the following title:—

Barbeck, William.

22^a. Microscopical fungi infesting our cereals. *Am. Nat.* XIII. 612-620. Oct. 1879.

General notes on ergot, smuts, rusts and blights.

No. 31. Add to note: no. 109, *Leotia elegans*, Berk. *London Jour. Bot.* V. 6 (5).

No. 49. For 7 species, read 8 species.

No. 69. For pp. 174-190, read pp. 156-170.

No. 121. For p. 277 read 273.

No. 125. Add: See also *Gard. Chron.* VII. 634. 1877, I.

After no. 145 insert the following:—

Cooke, Mordecai Cubitt.

145^a. The sub-genus *Coniophora*. *Grev.* VIII. 88-89. March, 1880.

Includes notes on four American species.

No. 196. This paper is reproduced in "Mushroom Culture" by W. Robinson, London, 1870, pp. 145-160.

After no. 200 insert the following:—

Dewey, Chester. Sheffield, Mass., 25 Oct. 1784. †Rochester, N. Y., 13 Dec. 1867.

200^a. A history of the county of Berkshire, Massachusetts; in two parts, the first being a general view of the county; the second, an account of the several towns. By gentlemen in the county, clergymen and laymen. sm. 8^o. pp. 468, with 2 maps and several illustrations. Pittsfield, Mass. 1829.

Part one of this work includes "Catalogue of Plants found in the County of Berkshire," pp. 43-86, by Rev. Chester Dewey. On pp. 85-86 is a list of 9 genera and 13 species of fungi. Authorities of names not given.

To **Fischer**, Eduard, add: Born at Berne, Switzerland, 16 June, 1861.

After no. 265 add the following note:—

The papers marked nos. 263, 264, and 265, are reproduced in *The Botanical Works of the late George Engelmann. Collected for Henry Shaw, Esq. Edited by William Trelease and Asa Gray. Cambridge. 1887.* no. 263, 265, and that part of 264 relating to grape fungi are on pp. 430-432. That part of 464 relating to oak fungi is on p. 410.

No. 300. Add: Rev. in *Hedw.* XXVI. 113.

After no. 336 insert the following:—

Griffith, Robert Eglesfeld. †Philadelphia, Pa., 26 June, 1850.

336^a. Medical botany, or descriptions of the more important plants used in medicine, with their history, properties, and mode of administration. 8^o. pp. 704. Philadelphia. 1847.

The chapter on Fungales, pp. 674-679, figs. 326-330, gives an account of several species of fungi, but there is no special reference to American species.

No. 372. For 13 of them, read 14 of them.

No. 374. To pp. 17, 18, add p. 16. Rev. *Torr. Bull.* VIII. 95.

After no. 380 insert the following:—

Lamarche DE, Jean Baptiste Antoine Pierre Monnet. Bazentin, France, 1 Aug. 1744. †Paris, 18 Dec. 1829.

380^a. Encyclopédie méthodique, Botanique. Paris. 1783-1817.

In supplement V. of this work, Paris, 1817, pp. 475, 476, are descriptions of *Lycoperdon cyathiforme*, *L. transversarium*, *L. heterogeneum*, *L. callostoma*, *Onygena decorticata*, from North America. See titles no. 73 and 200.

After no. 425 insert the following:—

Morison, Robert. Aberdeen, 1620. †London, 10 Nov. 1683.

425^a. Plantarum historiae universalis Oxoniensis Pars tertia seu herbarum distributio nova, etc.

In this work, p. 642, London, 1699, is a reference to a "fungus crepitans lupi" from Virginia. The species cannot now be recognized.

After no. 498 insert the following:—

Porcher, Francis Peyre.

498^a. Medicinal plants of South Carolina indigenous and introduced. *Trans. Am. Med. Ass.* II. 683-862. 1849.

The only reference to fungi in this work is a brief note on *Amanita muscaria*, pp. 853, 854.

No. 501. Add: 2d edition in 1869, fungi on pp. 694-699.

After no. 505 insert the three following titles:—

Provancher, L. (Abbé).

505^a. Un champignon remarquable. *Naturaliste Canadien*, XVI. 50-53, fig. 56. Oct. 1886.

Account of *Phallus impudicus* and its place among fungi.

Rafinesque-Schmaltz, C. S.

505^b. Prospectus of Mr. Rafinesque-Schmaltz's two intended works on North American botany; the first on the new genera and species of plants discovered by himself, and the second on the natural history of the funguses, or mushroom-tribe of America. *Medical Repository*. Second Hexade. V. 350-356, New York, 1808.

On pp. 355, 356, is an enumeration of 17 new genera with brief remarks and names of some of the species included under the genera. The author states that he "shall describe in this work nearly 850 species or varieties of American mushrooms, of which one half will be new orders, and most of them elucidated by plates."

505^c. Essential generic and specific characters of some new genusses and species of plants observed in the United States of America in 1803 and 1804. By Mr. C. G. Rafinesque-Schmaltz. In a communication to Dr. Mitchell, dated Palermo, Sept. 1, 1807. *Medical Repository*. Second Hexade. V. 356-363, New York, 1808.

On pp. 362, 363, are descriptions of 20 new species of fungi, principally *Pezizae* and *Clavariae*. Neither this paper nor the preceding have any scientific value.

After no. 523^a insert the following:—

Richardson, (Sir) John.

523^b. Remarks on the climate and vegetable productions of the Hudson's Bay countries. *Edinburgh Phil. Jour.* XII. 197-231. April, 1825. Also reprint, pp. 35.

In a table on p. 224 is a list of 12 genera of fungi with the number of species growing in the Hudson Bay country.

After no. 508 insert the following:—

Sahagun, Bernardino DE.

508^a. Historia universal de las cosas de Nueva España.

This work, whose author lived about the 16th century, is given in *Kingsborough's Antiquities of Mexico*. Vol. VII. London. 1831. In the 11th book, 7th chapter, pp. 369-394, is an account of plants, including some fungi. According to Mr. W. R. Gerard, who has called our attention to this title, this is probably the earliest account of North American fungi. There are brief descriptions with Aztec names of 12 species, one of which appears to be *Lycoperdon giganteum* and another probably *Agaricus muscarius*.

After no. 528 insert the following:—

Riley, Charles Valentine. The cabbage *Plusia*. *Rept. U. S. Dept. Agr. for 1883*, pp. 119-122.

On p. 121 is a notice of a disease of *Plusia Brassicae* caused by *Butyris Rileyi* Farlow, of which a description is given.

After **Schmidt, J. C.**, insert the following:—

Schoepf, Johann David. Wunsiedel, 8 March, 1752. †Anspach, 10 Sept. 1800.

552^a. *Materia medica americana, potissimum regni vegetabilis.* Erlangen. 1787. 8^o. pp. 170.

On p. 159 is an account of *Agaricus coriaceus*, *Ag. Auricula-judae*, *Lycoperdon Tuber*, and *L. Borista*, taken from Gronovius's *Flora Virginica*, 2d ed. See title no. 337. In this work the author's name is given Schoepf but in other works it is Schoepff.

No. 563. In the note, *Blastema* should be *Blastesis*. The statement that this species was not published is incorrect. See "*A fungus on the leaves of pear trees*," by W. H. Seaman, in *Am. Month. Micr. Jour.* III. 169, 170. Sept. 1882.

To **Seymour, A. B.**, add: See **Burrill, T. J.**

After no. 568^a insert the following:—

Seymour, Arthur Bliss.

568^b. Rusts of pomaceous fruits. *Prairie Farmer*, p. 648, fig. 1-4. 2 Oct. 1886.

An account of the *Gymnosporangia* and *Roesteliae* of the Eastern United States, including a letter from J. G. Vaughn concerning forms observed in Marion Co., Ill. Same in substance as no. 567^a.

After no. 598 insert the following:—

Tournefort, Joseph Pitton DE. Aix, Provence, 5 June, 1656. †Paris, 28 Dec. 1708.

598^a. *Institutiones rei herbariae.* Editio altera, etc. Vol. III. pp. 697. Pl. 476. Paris, 1700.

On pp. 560, 563, 565, 666, are references to 5 fungi from America, 2 of them taken from Plukenet and one from Morison. The species are also given in the third edition on the same pages, except 666.

After no. 611 insert the following:—

Tuckerman, Edward.

611^a. Note on *Geaster quadrifidus*. *Am. Jour. Sci. and Arts*, XXXVI. 380. July, 1839.

Brief note stating that he has found this species in Cambridge, Mass.

After **Wilkes Expedition** insert the following:—

Williams, Stephen W.

627^a. Report on the indigenous medical botany of Massachusetts. *Trans. Am. Med. Ass.* II. 863-927. 1849.

On p. 924, under the heading "Mushrooms," is note on *Helvella amara* and *Boletus Larici*, of no value.

In Supplement, p. 35, 19th line from bottom, instead of "See title no. 22" read "See title no. 227."

The statement under FUNGI EUROPAEI EXSICCATI that "the only part of the series which contains American specimens is that from Cent. 27 on" is incorrect. In the appendix to Cent. 9 of the HERBARIUM VIVUM MYCOLOGICUM is *Stereum fasciatum* from North America.

The attention of mycologists should be called to the *Contribution to American Bibliography of Insect Diseases in Psyche*, V. 15-20, 45, 46, Jan-April, 1888, which gives a number of references to titles, partly botanical and partly entomological, which cannot well be introduced into the present list.

LIST OF WORKS PUBLISHED IN 1887.

Arthur, Joseph Charles. See also **Scribner, F. L.**

654. Report of the Botanist to the New York Agricultural Experiment Station. 5th Ann. Rept. N. Y. Agr. Exp. Station for 1886. pp. 275-315, with 10 figures. Elmira, N. Y. 1887. Extras distributed 30 Jan. 1887.

Besides articles on pear blight this report contains the following articles on diseases caused by fungi: Rotting of tomatoes; Disease of clover-leaf weevil, with note on peculiarity of the germination of the spores of *Entomophthora Phytognomi* (also in *Bot. Gaz.* xii. 72); Strawberry mildew, *Sphaerotheca Castagnei*, Lev.; Plum-leaf fungus, *Septoria cerasina*, Peck, with figures.

On title-page of reprint the report is said to be for 1887, an error for 1886. A corrected second edition of reprint was issued in Oct. 1887, paged 259-296, substance the same as in first reprint, to which is added "Smut in oats," by C. S. Plumb, pp. 124-130, and "Hypo-sulphite of soda as a fungicide," by Emmett S. Goff, pp. 173, 174. *Rev. Am. Nat.* XXI. 380.

655. — Remarks at session of the Botanical Club of the A. A. A. S., 15 Aug. 1887. *Torr. Bull.* XIV. 207, 208. Sept. 1887.

Notes the occurrence of black-knot on *Prunus maritima*, and a *Cintractia* on *Cyperus Grayii* on Staten Island.

— and **Holway, E. W. D.**

656. Fungi: in *Geological and Natural History Survey of Minnesota. Bulletin no. 3.* Report on botanical work in Minnesota for the year 1886. 8°. pp. 56. St. Paul. Distributed Oct. 1, 1887.

The fungi, pp. 26-31, *Basidiomycetes, Uredineae*, and *Ustilagineae*, pp. 32-36, *Pyrenomycetes, Helvellaceae, Perisporiaceae*, and *Peronosporaceae*, and pp. 39, 40, *Myxomycetes* and *Chytridiaceae*, were mainly determined by Arthur and Holway, some by C. H. Peck and J. B. Ellis. A list of 233 species of fungi, with localities and habitats, including descriptions of 3 new species by Arthur and Holway and 7 by Ellis and Holway.

Berlese, Augusto Napoleone.

657. Fungi Moricolae. Iconografia e descrizione dei funghi parassiti del gelso. Fasc. IV. 8°. Padua. 20 Aug. 1887.

This work is a series of octavo plates, in part colored, illustrating the fungi which grow upon species of *Morus*. In fasc. 4 is figured the American species, *Massaria epileuca*, B. and C. Of the previous fasciculi, no. 2, issued 22 April, 1885, is the only one containing special American species. In that fasciculus are figures of *Lophidium fenestrata*, Sacc., and *Hysteroglyphum Mori*, Rehm.

Bessey, Charles Edwin.

658. The growth of *Tulostoma mammosum*. *Am. Nat.* XXI. 665-666. July, 1887.

Account of the stipe and the peridium in this species.

659. — Ash-rust again. *Am. Nat.* XXI. 666. July, 1887.

Notes the rarity of *Aecidium Fraxini*, S., in Nebraska in 1887. See title no. 68.

See, also, The Use of English names for Fungi by this author in *Am. Nat.* March, 1887.

Brendel, Frederick.

660. Flora Peoriana, the vegetation in the climate of Middle Illinois. 8°. pp. 89. Peoria, Ill. 1887.

On pp. 68, 69, is a list of 109 species of fungi without notes. This paper is not a translation of no. 76, as might be supposed from the title itself, but is different in several respects.

Britton, Nathaniel Lord.

661. Remarks on fungi. *Proc. Natural Science Ass. of Staten Island.*

In the proceedings of 9 April, 1887, Dr. Britton made remarks on fungi collected by members of the Association during the past two years. General notice of *Agarici, Polypori*, etc. Report on octavo sheet, without paging.

The title of last paper is "Structure of certain Timber-Ties; Behaviour and Causes of their Decay in the Road-Bed." Printed and a few copies struck off in 1887 but not generally issued until 1888.

Burrill, Thomas Jonathan, and Earle, F. S.

662. Parasitic fungi of Illinois. Part II. *Bull. Illinois State Lab. Nat. Hist.* II. 387-432, with 8 figures. Peoria, Ill.

Issued in July, 1887. General account of the order with figures of the genera found in Illinois, together with a key to genera, followed by descriptions of 29 species, with full synonymy and critical notes. There is a systematic index and index of hosts. *Rev. Torr. Bull.* XIV. 193. Sept. 1887. *Bot. Gaz.* XII. 303. Dec. 1887.

Calkins, William Wirt.

663. Notes on Florida fungi. no. 10. *Jour. Myc.* III. 7, Jan.; no. 11, l. c. 33, 34, March; no. 12, l. c. 46, April; no. 13, l. c. 58, 59, May; no. 14, l. c. 70, June; no. 16, l. c. 82, July, 1887.

Continued from title no. 100. Part 15 is not given, probably by typographical error.

Cobb, N. A.

663^a. A list of plants found growing wild within thirty miles of Amherst. 8°. pp. 51. Northampton, Mass. 1887.

On pp. 31-48 is given a list of fungi, including lichens. The fungi proper are in the main those given by C. C. Frost in Tuckerman's Catalogue. See title no. 612.

Cooke, Mordecai Cubitt.

*664. Synopsis *Pyrenomycetum*. *Grev.* XV. 80-86, 122-125; XVI. 16-19, 50-56. March, June, Sept., Dec. 1887.

Continuation of title no. 161. Includes notes on a number of N. Am. species of *Byssosphaeria, Cucurbitaria, Lasiosphaeria, Venturia, Chaetomium, Rosellinia, Sordaria*, etc.

665. — New species of *Ravenelia*. *Grev.* XV. 112. June, 1887. *Jour. Myc.* III. 83.

Description of *R. verrucosa*, Cke. and Ellis from Mexico.

666. — Some exotic fungi. *Grev.* XVI. 15, 16, 25, 26. Sept., Dec. 1887.

Has descriptions of *Sphaeronema tenuirostris, Cucurbitaria Ravenelii*, and *Cylindrocolla quercina*, from the United States.

667. — Australasian fungi. *Grev.* XVI. 30-33. Dec. 1887.

Bovista ovalispora Che. & Mass. is said to occur in South Carolina.

667^a. — New British fungi. *Grev.* XVI. 42-49, Dec. 1887.

Also includes description of *Bovista ovalispora* and *Lyco-perdon Cookei*, Mass.

Craig, John. Lakefield, Province of Quebec, Canada, 27 April, 1864. See HALSTED, B. D.

668. Observations on corn and corn smut. *Bull. Iowa Agr. Coll.* Nov. 1886, p. 16. Issued 1887.

The smut found to be most abundant in the fruit which has a north-east exposure.

Cuboni, J. See SACCARDO, P. A.

Dietel, P.

668^a. Beiträge zur morphologie und biologie der Uredineen. *Bot. Centralblatt.* XXXII. 54-56, 84-91, 118-121, 152-156, 182-186, 217-220, 246-250, Pl. 1, Oct., Nov. 1888.

Has incidental references to a number of American species.

Dudley, Plimmon Henry.

669. *Polyporus sanguineus*. *Jour. N. Y. Micr. Soc.* III. 29, 30. July, 1887.

Note of the occurrence of this species, and species of *Trametes* and *Lenzites*, on the isthmus of Panama.

670. — *Chamaecyparis sphaeroidea*, Spach; white cedar, and its fungus, *Agaricus campanella*, Batsch. *Jour. N. Y. Micr. Soc.* III. 30-34. Fig. 1. July, 1887.

N. B. See also other papers by this author in *Jour. N. Y. Micr. Soc.* III. 40, 41, July, 1887, notes on *Merulius lacrymans*, and in *Dept. of Agr. Forestry, Bull.* no. 1. pp. 39, 40, 42, 44, 47, 48, 50, 52, where a list of fungi found on six species of wood used for railroad ties is given.

Dudley, William Russell. Guilford, Conn., 1 March, 1849. See MERRY, M.

Earle, Franklin Sumner. See also BURRILL, T. J.

671. Pear blight and root-rot. *Prairie Farmer*, p. 86. 5 Feb. 1887.

The root-rot is said to be caused by *Polyporus versicolor*, and an account is given of its prevalence in Illinois.

672. — Pear leaf-blight and scab. *Prairie Farmer*, p. 102. 12 Feb. 1887.

A popular account of *Morthiera Mespili* and *Fusicladium pyrinum*.

673. — Pear diseases caused by fungi. *Trans. Illinois Hort. Soc.* XX. 167-171. 1887.

Substance same as in the last two papers.

Ellis, Job Bicknell. See ARTHUR, J. C., title no. 656, LANGLOIS, A. B., and MARTIN, G.

674. *Terfezia Leonis*, Tul. — *Tuber niveum* (Desf.). *Jour. Myc.* III. 10. Jan. 1887.

Reports the discovery of this species in Louisiana by Rev. A. B. Langlois, and gives notes on its microscopical characters and edible properties.

675. — Authority in nomenclature. *Jour. Myc.* III. 33. March, 1887.

Objects to the use of the name *Physalospora Bidwellii*, Sacc., by Scribner, in paper, title no. 560, and thinks that the name of Ellis should be added in parenthesis.

676. — *Melanconis dasycarpa*, E. & K. *Jour. Myc.* III. 118. Oct. 1887.

The author suspects that this species is not different from *Melanconis Everhartii*, Ell.

677. — *Tricothecium griseum*, Cooke. (*Pyricularia*, Sacc.) *Jour. Myc.* III. 126. Nov. 1887.

This species is reported to be associated with *Phyllachora graminis* on *Muhlenbergia*. A new var. *leptosperma*, E. & K., is mentioned on *Paspalum setaceum*.

— and **Everhart**, B. M.

678. Additions to *Cercospora*, *Gloeosporium*, and *Cylindrosporium*. *Jour. Myc.* III. 13-22. Feb. 1887.

Descriptions of 40 new species of *Cercospora*, 3 of *Gloeosporium*, and 4 of *Cylindrosporium*, with notes on a few other species. *G. aridum* is referred to Ellis and Holway. This paper is a supplement to titles 242, 244, and 246.

679. — New species of *Ustilagineae* and *Uredineae*. *Jour. Myc.* III. 55-57. May, 1887.

Descriptions of 11 species, most of them from New Mexico, Arizona, and Washington Territory.

680. — Synopsis of the North American species of *Xylaria* and *Poronia*. *Jour. Myc.* III. 97-102, 109-113. Sept., Oct. 1887.

Descriptions of 30 species, with notes.

681. — Additions to *Hypocreaceae*. *Jour. Myc.* III. 113-116. Oct. 1887.

Account of 9 species, of which 3 are described as new.

682. — New species of fungi from various localities. *Jour. Myc.* III. 116-118, 127-130. Oct., Nov. 1887.

Descriptions of 24 species, 7 of them *Gloeosporia*.

— and **Kellerman**, W. A.

683. New Kansas fungi. *Jour. Myc.* III. 102-105. Sept. 1887.

Descriptions of 15 species, principally fungi imperfecti. See next title.

684. — New species of fungi from Kansas. *Jour. Myc.* III. 126, 127. Nov. 1887.

Descriptions of 6 species. See also title above.

Everhart, Benjamin Matlack. See ELLIS, J. B. **Fairman**, Charles E.

685. *Vermicularia phlogina* Fairman. *Bot. Gaz.* XII. 67. March, 1887.

Characters of species given.

Farlow, William Gilson. See KLEBAHN, H.

686. Vegetable parasites and evolution. *Bot. Gaz.* XII. 173-189. Aug. 1887.

Includes a few statistics of fungi of the United States.

687. — Aecidium on *Juniperus Virginiana*. *Bot. Gaz.* XII. 205-207. Sept. 1887. Also in *Rev. Mycol.* X. 32-34.

Description of *Aecidium Bermudianum* on *Juniperus Bermudiana* in Bermuda, and on *J. Virginiana* in Mississippi. On p. 207, *Roestelia lacerata* should be *R. hyalina*.

Galloway, Beverly Thomas. Callaway Co. Missouri, 16 Oct. 1862.

688. Celery leaf blight (*Cercospora Apii*, Fres.). *Bot. Gaz.* XII. 66, 67. March, 1887.

Reports damage done by this species in Missouri.

Goff, Emmett, S. See ARTHUR, J. C., title no. 654.

Halsted, Byron David.

689. Bulletin of the Iowa Agricultural College from the botanical department. Nov. 1886. 82 pp. 66. Issued 1887.

Includes several articles on fungi by the editor. Germination of ergot from the wild rye, pp. 19-21. Notes upon the *Peronosporae* for 1886, pp. 53, 54. Notes on 10 species from Iowa and Colorado. Notes upon the *Ustilagineae*, pp. 54, 55. The ash-leaf Rust, *Aecidium Frazini*, Schw., p. 55. The clover mould, pp. 55, 56, fungus not named. Fungi of Forest Trees, pp. 56, 57. Colorado Fungi, pp. 57-59; account of 25 species, principally *Uredineae* collected in July, 1886; 2 new species, *Tuberculina Lupini*, Farlow, and unnamed *Aecidium* on *Abies Douglasii*. Relation between cedar-apples and the leaf-rot on the wild crab apple; a full account of experiments briefly described in title no. 350. See also CRAIG, J., and HITCHCOCK, A. S.

690. — A new *Uromyces*. *Jour. Myc.* III. 138. Dec. 1887.

Description of *Uromyces digitatus* on *Leersia Virginica* from Iowa.

Harkness, Harvey Wilson.

691. Fungi of the Pacific coast. Part 5. *Bull. Cal. Acad. Sci.* II. no. 7, 438-447. Issued June 16, 1887.

An enumeration of 76 species, with their hosts, localities, and notes. Three of the species described as new.

Harvey, Francis LeRoy. Ithaca, N. Y., 22 Apr. 1850.

692. Proliferous fungi. *Bot. Gaz.* XII. 274, with figure. Nov. 1887.

Notice, with figure, of a monstrosity of *Lactarius cinereus*, Peck.

Hitchcock, Albert Spear. Owasso, Mich., 4 Sept. 1866.

693. A partial list of Iowa powdery mildews. *Bull. Iowa Agr. Coll.* pp. 64-66. Nov. 1886. Issued 1887.

Notes on 20 species of *Perisporiaceae* found in Iowa. See title no. 689.

Holway, Edward Willet (Dorland). See ARTHUR, J. C., and ELLIS, J. B., and EVERHART, B. M. **Humphrey**, James Ellis. North Weymouth, Mass., 5 Aug. 1862.

694. The preparation of agarics for the herbarium. *Bot. Gaz.* XII. 271-273. Nov. 1887.

Practical directions for drying and pressing.

Kellerman, William Ashbrook. See ELLIS, J. B.

Klebahn, H.

695. Beobachtungen und streitfragen ueber die blasenroste. *Abhandl. Naturwiss. Ver. Bremen*, X. 145-155. Pl. 1.

Includes brief notes by Farlow on the distribution of *Cro-nartium* and *Peridermium* in the United States.

Knowles, Etta (Marietta) Laughridge.

696. The curl of peach leaves; a study of the abnormal structure induced by *Exoascus deformans*. *Bot. Gaz.* XII. 216-218. Pl. 13. Sept. 1887.

Notes on the histological characters of the distortions.

Lagerheim, G. (Nils Gustaf). Stockholm, 18 Oct. 1860.

697. Mykologiska Bidrag. III. Ueber einige auf *Rubus arcticus* L. vorkommende parasitische pilze. *Botaniska Notiser*, 60-67. Fig. 1-3. 1887.

Notes the occurrence of *Puccinia Peckiana*, Howe, in Lapland, and gives comparisons with American forms of the species, with figures.

Langlois, Auguste Barthélemy. Chavanay, Loire, France, 24 Apr. 1832.

698. A new *Volutella*. *Jour. Myc.* III. 57. May, 1887.

Description of *V. Ellisii* from Louisiana.

699. — Catalogue provisoire des plantes phanerogames et cryptogames de la Basse Louisiane. 8°. pp. 35. Saint Etienne.

On pp. 27-35 is a list of more than 600 species of fungi determined by J. B. Ellis. Localities and habitats are not given. *Rev. in Torr. Bull.* XIV. 239, and *Rev. Myc.* IX. 201.

Ludwig, Friedrich. 24 Oct. 1851.

700. Einiges ueber rostpilze. *Centralblatt für Bacteriologie und Parasitenkunde*, I. 690-693. June, 1887.

Includes references to *Puccinia Peckiana*, *P. Malvastri*, *P. heterospora*, and *Gloeosporium Lindemuthianum* in the United States summarized from previous papers by Lagerheim, Farlow, Seymour, Burrill, and Ellis and Everhart.

Mancini, V. See SACCARDO, P. A.

Martin, George.

701. Enumeration and description of the *Septoria* of North America. *Jour. Myc.* III. 37-41, 49-53, 61-69, 73-82, 85-94. April-Aug. 1887.

Descriptions of 188 species of *Septoria*, 158 by this author, the remainder, together with 8 species of *Phloeospora*, 20 of *Rhabdospora*, and 8 of *Phlyctaena*, by the editors of *Journal of Mycology*. Also an index of species and host-plants.

Massee, George Scampston, Yorkshire, England, 20 Dec. 1850.

702. A monograph of the genus *Lycoperdon* (Tournef.), Fr. *Jour. Roy. Micr. Soc.* VII. 701-727 (1-27). Pl. 12, 13. Read 8 June, 1887.

Includes descriptions of 25 species from United States, 3 of them new, with figures of some of the species.

703. — On *Gasterolichenes*: a new type of the group *Lichenes*. *Philos. Trans. Royal Soc. London*. Vol. CLXXVIII. 305-309. Pl. 25. Read 16 June, 1887.

Includes an account, with figures, of *Trichocoma laevipora* from South Carolina, which is here referred to lichens.

704. — Revision of *Polysaccum*. *Grev.* XVI. 27-29. Dec. 1887.

Includes 2 species from the United States.

Merry, Martha. Phoenix, N. Y., 10 Aug. 1864.

705. The identity of *Podosphaera minor*, Howe, and *Microsphaera fulvo-fulva*, Cooke. *Bot. Gaz.* XII. 189-191. Pl. 11. Aug. 1887.

Account of the examination of specimens of the two species from different localities to show their identity. Followed by a supplementary note by W. R. Dudley.

Morgan, Andrew Price.

706. The mycologic flora of the Miami Valley, Ohio. *Jour. Soc. Nat. Hist. Cincinnati*. X. 7-18. March, 1887.

Continuation of title no. 424, including descriptions of *Hydnei*. Two species, *Hydnum casearium* and *H. alboviride*, described as new.

707. — North American Agarics.—The subgenus *Amanita*. *Jour. Myc.* III. 25-33. March, 1887.

Descriptions of 28 species, with analytic key and critical notes.

708. — The genus *Geaster*. *Am. Nat.* XXI. 1026-1029. Fig. 1, 2. Nov. 1887.

A review of De Toni's monograph, see title no. 730, with descriptions of two new species, *G. campestris* and *G. delicatus*, from Nebraska, with figures.

Pearson, Alexander W. See SCRIBNER, F. L.
Peck, Charles Horton. See ARTHUR, J. C., title no. 656.

709. Notes on the *Boleti* of the United States. *Jour. Myc.* III. 53-55. May, 1887.

Critical notes on a number of American species. *B. Russellii*, Frost, and *B. Morgani*, Pk., form a group, *Laceripedes*, peculiar to this country. Name of *B. robustus*, Frost, changed to *B. eximius*, and description given.

710. — Thirty-ninth Report for 1885, issued Sept. 1887. pp. 30-73. Pl. 1, 2. Continued from title no. 454.

Fungi not before reported, pp. 38-53, 37 new species; remarks on fungi, pp. 57, 58; synopsis of New York species of *Pleurotus*, *Claudopus* and *Crepidotus*, pp. 58-73.

711. — Contributions to the botany of the State of New York. *Bull. N. Y. State Museum Nat. Hist.* I. no. 2. May, 1887. pp. 66. Pl. 1, 2.

Contains the following: "Descriptions of new species of New York fungi," pp. 5-24, giving descriptions of 14 *Hymenomyces* from the unpublished 37th Report (see title no. 453), and 40 species from 32nd Report (see title no. 448); "Additions to the flora of the State of New York in 1883, with remarks and observations," pp. 25-28, including notes on fungi taken from 37th Report; New York species of *Paxillus*, pp. 29-33, New York species of *Cantharellus*, pp. 34-43, New York species of *Craterellus*, pp. 44-48, all from 37th Report; names of New York Pyrenomycetous Fungi, pp. 49-56, also from 37th Report; and New York species of viscid *Boleti*, pp. 57-66. Although this paper bears the date May, 1887, it was apparently not distributed until the following January.

Penzig, Otto.

712. Studi botanici sugli agrumi e sulle piante affini. Memoria premiata dal R. Ministero d'Agricoltura, con un atlante in folio. *Ministero di agricoltura, industria e commercio. Direzione generale dell' agricoltura. Annali di agricoltura*. 1887. Rome, 1887. Text, pp. vi. 590. 8°. Atlas, pl. 58. Folio.

The plates of fungi in this work are reproduced from Saccardo's *Fung. Ital. Del.* (see title no. 536). The text contains references to American fungi on pp. 323, 325, 349, 379, and 390.

Plumb, C. S. See ARTHUR, J. C., title no. 654.

Provancher, L. (Abbé).

713. Le Phallus et la Morille. *Naturaliste Canadien*, XVI. 115-119. Feb. 1887.

A reply to questions concerning the nomenclature of the fungus described in the *Naturaliste* for Oct. 1886. See no. 505.

Ravaz, Louis Etienne. Saint Roman, Isère, France, 10 May, 1863. See VIALA, P.

Ravenel, Henry William. †Aiken, S. C. 17 July, 1887.

Riley, Charles Valentine.

714. Fungus disease of the web-worm. Rept. of the Entomologist in Rept. U. S. Dept. Agr. for 1886. pp. 527-529. Washington, 1887.

Gives an account of the growth of *Botrytis Bassiana* on web-worms bred in Washington.

Robinson, Benjamin Lincoln. Bloomington, Ill., 8 Nov. 1864.

715. Notes on the genus *Taphrina*. *Annals of Botany*, I. 163-176. Nov. 1887.

A general account of the structure of the genus followed by a synopsis of 8 species of the United States, with critical notes on structure and distribution.

Saccardo, Pietro Andrea.

716. Sylloge Fungorum omnium hucusque cognitorum. Vol. V. Sylloge *Hymenomycetum* omnium hucusque cognitorum digessim P. A. Saccardo collaborantibus J. Cuboni et V. Mancini. Vol. I. *Agaricineae*. 8° pp. 1146. Padua. 28 May, 1887.

Continuation of title no. 548, including all known North American species.

Scribner, Frank Lamson.

717. Report on the fungus diseases of the grape vine. *Dept. of Agr., Botanical Division. Bulletin* no. 2. *Section of Plant Pathology*. Washington. 1886. Issued Jan. 1887. 8° pp. 136. Pl. 7, in part colored, and 4 figures.

Report contains full account of Downy Mildew, *Peronospora viticola*, Powdery Mildew, *Uncinula spiralis*, the Black-rot, *Phytophthora Bidwellii*, Anthracnose, *Sphaeloma ampelinum*, Grape-leaf Blight, *Cercospora viticola*, and Grape-leaf Spot, *Phyllosticta Labruscae*. Appendix A gives synopsis by Irwin F. Smith of replies to circular on rot and mildew. Appendix B has remarks on rot and mildew by Col. A. W. Pearson. *Rev. Torr. Bull.* XIV. 38.

718. — Ejection of ascospores from the asci of *Phytophthora Bidwellii*. *Torr. Bull.* XIV. 207. Sept. 1887.

A note of remarks before the Botanical Club of the A. A. A. S., stating that the spores of this species were thrown from 10 to 15 mm.

719. White Rot of grapes. *Colman's Rural World*. 27 Oct. 1887.

An account of the discovery by Prof. P. Viala of *Coniothecium Diplodiella*, Speg., on grapes at Neosho, Missouri.

719^a. — Grape leaf-spot disease and black-rot. *Colman's Rural World*. St. Louis. 29 Nov. 1887.

Phyllosticta Labruscae, Thm., is stated to be a foliicolous form of *Phoma uvicola*, B. & C.

— **Arthur, J. C., and Trelease, W.**

720. Report of the Mycological Section. *Rept. U. S. Dept. Agr.* for 1886. pp. 95-138. Pl. 1-8, besides 3 maps and diagram. Washington. 1887.

Contains the following papers by F. L. Scribner: The downy mildew, *Peronospora viticola*, pp. 96-105, pl. I.; The powdery mildew, *Uncinula spiralis*, pp. 105-109, pl. II.; Black-rot, *Phytophthora Bidwellii*, pp. 109-112, pl. III.; Anthracnose, *Sphaeloma ampelinum*, 112-115, 131, pl. IV.; Celery-leaf blight, *Cercospora apii*, pp. 117-120, Orange-leaf scab, pp. 120-121, pl. VI.; The potato-rot, *Phytophthora infestans*, pp. 121-124, pl. VII. See also TRELEASE, W. This Report also includes a paper by J. C. Arthur, on the Pear Blight, *Micrococcus amyloporus*.

721. — and **Viala, P.** Le *Greeneria fuliginea*, nouvelle forme de rot des fruits de la vigne, observée en Amérique. *Comptes Rendus*. 12 Sept. 1887. Vol. CV. 473, 474 (1, 2).

Substance same as next title.

722. On a new fungus disease of the vine, *Greeneria fuliginea*. *Agricultural Science*, I. 210-211, Sept. 1887, and *Proc. Soc. Prom. Agr. Sci.* 8th meeting. pp. 74-76. Oct. 1887.

Account of a new genus and species of *Sphaeropsidaceae* found on grapes in North Carolina. *Rev. Jour. Myc.* III. 119. See *Colman's Rural World*, 13 Oct. 1887.

Seymour, Arthur Bliss.

723. Orchard Rusts. *Trans. Am. Hort. Soc.* IV. 152-160 (1-8). Fig. 1-4. Indianapolis. 1886. Reprint issued 7 Apr. 1887.

An account of diseases caused by species of *Gymnosporangium* in the United States. *Rev. Centralblatt Bacteriol.* I. 227-230.

724. — The hollyhock disease. *Am. Florist*, II. 512, 513, with figure. 1 Aug. 1887.

Account of *Puccinia Maltacearum* with notes on its occurrence in Massachusetts.

725. — A disease of the mignonette. *Am. Florist*, III. 38. 1 Sept. 1887.

Account with figures of an unnamed fungus destroying mignonette at Champaign, Ill.

726. — Character of the injuries produced by parasitic fungi upon their host-plants. *Am. Nat.* XXI. 1114-1117. Dec. 1887.

General account of the injuries and distortions produced by parasitic fungi on plants.

Smith, Erwin F. Gilbert's Mills, Oswego Co., N. Y., 21 June, 1854. See SCRIBNER, F. L.

Somers, John.

727. Additions to the list of Nova Scotian fungi. *Proc. and Trans. Nova Scotian Inst. Nat. Sci.* VI. 286-288. 1886. Issued 1887.

Enumeration of 23 species, principally *Hymenomycetes*, with localities and some notes.

Thaxter, Roland. Newton, Mass., 28 Aug. 1858.

728. On certain cultures of *Gymnosporangium*, with notes on their *Roesteliae*. *Proc. Am. Acad. Arts and Sci.* Boston. XXII. 259-269. Separate edition issued Jan. 1887. Also in *Centralblatt für Bacteriologie und Parasitenkunde*, I. 429-434, 457-460.

Account of cultures showing the connection of *G. conicum* with *R. cornuta*, *G. clavipes* and *R. aurantiaca*, *G. clavariaeforme* and *R. lacerata*, *G. macrospora* with *R. pyrata*, *G. biseptatum* with *R. botryopites*, and critical notes on the characters of other species. *Rev. Jour. Myc.* III. 47.

Thomas, Friedrich A. W.

729. *Synchytrium cupulatum*, n. sp. *Bot. Centralblatt*, XXIX. 19-22. Jan. 1887.

Has note on the American form of *S. Myosotides* var. *Potentillae*, which author thinks should probably be referred to his new species, *S. cupulatum*.

Toni de, Giovanni Battista. Venice, 2 Jan. 1864.

730. Revisio monographica generis *Geasteris* Mich. e tribu *Gasteromycetum*. *Rev. Myc.* IX. 61-77, 125-133. Pl. 62, 63. April, July, 1887.

Bibliography of the genus with descriptions of known species, including 17 species from the United States, of which some are figured. There is also an author's edition of 25 pages and 2 plates. See title no. 708.

Trelease, William. See also SCRIBNER, F. L., title no. 720.

731. A spot disease of orchard grass, *Scolecotrichum graminis*. *Rept. U. S. Dept. Agr.* for 1886. Mycological section, pp. 129-131. Pl. VIII. Washington. 1887.

Account of the appearance of this fungus in Wisconsin.

732. Fungi injurious to grasses and clovers. From *Beal's Grasses of North America*, pp. 413-431. Fig. 159-175.

A popular account of the more common, *Ustilagineae*, *Uredineae*, *Ascomycetes*, *Peronosporae*, etc., which attack forage plants in the United States, with brief notes on some allied fungi of Europe. *Rev. Centralblatt Bacteriol.*, I. 726.

Viala, Pierre. Montpellier, France, 24 Sept. 1859. See also SCRIBNER, F. L.

733. Les maladies de la vigne. Deuxième édition ornée de 5 planches en chromo et 200 figures dans le texte, avec une étude des appareils de traitement par M. Paul Ferrouillat. 8° pp. 462. Montpellier and Paris. 1887.

A general treatise on fungi which cause diseases of vines, including references to fungi found both in Europe and America, and to a few special American species, as *Uncinula spiralis*, *Phoma uvarum*, B. and C., etc. *Vibrissea* (*Roestelia*) *hypogaea*, Thum. and Pass. is said, on the authority of Planchon, to occur in Missouri. *Rev. in Bot. Gaz.* XII. 45.

734. — Le white-rot ou rot blanc (*Coniothyrium diplodiella*) aux Etats-Unis d'Amérique. *Comptes Rendus*, CV. 624, 625. 10 Oct. 1887.

Account of the discovery of this fungus on grapes in Missouri.

Viala, Pierre, and Ravaz, L.

735. La mélanose. 8° pp. 18. Pl. 3. Montpellier.

One of the series, "Recherches sur les maladies de la vigne" issued in the Bibliothèque du Progrès Agricole et Viticole. Account of a disease caused by a fungus, *Septoria ampelina*, first described from America by Berkeley and Curtis. Substance of this paper also given in Viala's *Maladies de la vigne*. See above.

Wettstein, Richard von.

736. Ueber *Helotium Willkommii* (Hart.) und einige ihm nahe stehende *Helotium*-Arten. *Bot. Centralblatt*, XXXI. 285-287, 317-321.

Includes a description of *Peziza Ellisiana*, Rehm, which is referred to *Helotium*.

White, James Clarke.

737. *Dermatitis venenata*: an account of the action of external irritants upon the skin. 8° pp. 216. Boston. 1887.

On p. 99 is a note in relation to *Ustilago hypodites* and its occurrence in the United States.

Winter, Georg. †Connewitz, near Leipsic, 16 Aug. 1887.

738. *Exotische Pilze*, IV. *Hedwigia*, XXVI. 6-18. Jan. 1887.

On p. 8 is a reference to *Coleosporium Baccharidis*, Cke. & Hark.

739. — Repertorium. Rabenhorstii Fungi Europaei et Extraeuropaei Exsiccati cura Dr. G. Winter. Centuria, 35 et 36. *Hedwigia*, XXVI. 24-35. Jan. 1887.

Has notes on 7 species from the United States.

FUNGI EXSICCATI.

NORTH AMERICAN FUNGI. Ellis, J. B., and Everhart, B. M., editors. Cent. 18, 19. Newfield, N. J. Issued April, 1887.

Cent. 18 is composed largely of species of *Cercospora* and *Septoria* and Cent. 19 of *Uredineae*. Rev. in *Rev. Myc.* IX. 120 and *Am. Nat.* XXI. 379.

FUNGI EUROPAEI ET EXTRAEUROPAEI. G. Winter, editor.

Cent. 35 and 36, the last that have appeared, were issued late in 1886, but not generally received in this country until 1887. Reviews of these Centuries given in *Rev. Myc.* IX. 121 and *Jour. Myc.* III. 35, where some corrigenda of American specimens are given. See title no. 739.

FUNGI GALLICI EXSICCATI. C. Roumeguère, editor.

Cent. 41-44 appeared during 1887, the labels of the last three Centuries having the heading *Fungi selecti exsiccati*. The following are the numbers of specimens from the United States: 4032, 4040, 4094, 4095, 4097 and 4315.

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